

**WHAT IS CLAIMED IS:**

1. A cosmetic composition comprising, in a physiologically acceptable medium, at least one first compound which gives the cosmetic composition a thermal profile wherein the melting peak has a mid-height width  $L_f$  less than or equal to  $10^{\circ}\text{C}$ , and at least one amorphous film-forming polymer capable of forming a water-soluble film, wherein the at least one amorphous film-forming polymer is present in an amount greater than or equal to the amount of the first compound.
2. The composition according to Claim 1, wherein the melting peak has a starting melting temperature  $T_o$  of greater than or equal to  $10^{\circ}\text{C}$ .
3. The composition according to Claim 2, wherein the starting melting temperature  $T_o$  is greater than or equal to  $15^{\circ}\text{C}$ .
4. The composition according to Claim 3, wherein the starting melting temperature  $T_o$  is greater than or equal to  $20^{\circ}\text{C}$ .
5. The composition according to Claim 1, wherein the melting peak has an end melting temperature  $T_f$  of less than or equal to  $90^{\circ}\text{C}$ .
6. The composition according to Claim 5, wherein the end melting temperature  $T_f$  is less than or equal to  $80^{\circ}\text{C}$ .
7. The composition according to Claim 6, wherein the end melting temperature  $T_f$  is less than or equal to  $70^{\circ}\text{C}$ .
8. The composition according to Claim 1, wherein the melting peak has a melting point m.p. ranging from  $20^{\circ}\text{C}$  to  $80^{\circ}\text{C}$ .
9. The composition according to Claim 1, wherein the melting peak has a temperature amplitude,  $\Delta T = T_f - T_o$ , of less than or equal to  $30^{\circ}\text{C}$ .
10. The composition according to Claim 1, wherein the at least one first

compound has a thermal profile wherein the melting peak has a mid-height width  $L_f$  less than or equal to 10°C.

11. The composition according to Claim 10, wherein the at least one first compound is chosen from waxes, semi-crystalline polymers and oils thickened with a structuring agent.

12. The composition according to Claim 1, wherein the at least one first compound is present in an amount ranging from 1% to 60% by weight, relative to the total weight of the composition.

13. The composition according to Claim 12, wherein the at least one first compound is present in an amount ranging from 3% to 55% by weight, relative to the total weight of the composition.

14. The composition according to Claim 13, wherein the at least one first compound is present in an amount ranging from 5% to 50% by weight, relative to the total weight of the composition.

15. The composition according to Claim 14, wherein the at least one first compound is present in an amount ranging from 10% to 40% by weight, relative to the total weight of the composition.

16. The composition according to Claim 11, wherein the at least one wax is chosen from olive wax obtained by hydrogenation of olive oil esterified with stearyl alcohol, stearyl alcohol, stearyl stearate, stearyl benzoate, bis(trimethylolpropane) tetrastearate, polyethoxylated fatty acids of Montan wax, bis(trimethylolpropane) tetrabehenate and dioctadecyl carbonate wax.

17. The composition according to Claim 11, wherein the at least one first compound is an oil thickened with a structuring agent.

18. The composition according to Claim 1, wherein the at least one amorphous film-forming polymer is chosen from polyesters obtained by polycondensation of at least one dicarboxylic acid with at least one polyol.

19. The composition according to Claim 18, wherein the at least one dicarboxylic acid is chosen from aromatic dicarboxylic acids comprising a  $-SO_3M$  group wherein M is a metal ion.

20. The composition according to Claim 19, wherein M is chosen from  $Na^+$ ,  $Li^+$  and  $K^+$  ions.

21. The composition according to Claim 19, wherein the at least one aromatic dicarboxylic acid is chosen from sulfoisophthalic acid, sulphoterephthalic acid, sulphophthalic acid and 4-sulphonaphthalene-2,7-dicarboxylic acid.

22. The composition according to Claim 18, wherein the at least one polyol is a diol.

23. The composition according to Claim 22, wherein that the at least one diol is chosen from ethylene glycol, diethylene glycol, triethylene glycol, 1,3-propanediol, cyclohexanedimethanol and 1,4-butanediol.

24. The composition according to Claim 1, wherein the at least one amorphous film-forming polymer has a glass transition temperature (Tg) ranging from 25°C to 120°C.

25. The composition according to Claim 24, the at least one amorphous film-forming polymer has a glass transition temperature (Tg) greater than or equal to 38°C.

26. The composition according to Claim 1, wherein the at least one amorphous film-forming polymer is present in an amount ranging from 0.1% to 40% by weight, relative to the total weight of the composition.

27. The composition according to Claim 26, wherein the at least one amorphous

film-forming polymer is present in an amount ranging from 5% to 30% by weight, relative to the total weight of the composition.

28. The composition according to Claim 27, wherein the at least one amorphous film-forming polymer is present in an amount ranging from 10% to 20% by weight, relative to the total weight of the composition.

29. The composition according to Claim 1, further comprising an aqueous phase.

30. The composition according to Claim 29, wherein the aqueous phase is present in an amount ranging from 5% to 95% by weight, relative to the total weight of the composition.

31. The composition according to Claim 29, wherein the aqueous phase is thickened with at least one thickener.

32. The composition according to Claim 1, further comprising at least one additional film-forming polymer.

33. The composition according to Claim 32, wherein the at least one additional film-forming polymer is present in a solids content amount ranging from 0.1% to 60% by weight, relative to the total weight of the composition.

34. The composition according to Claim 33, wherein the at least one additional film-forming polymer is present in a solids content amount ranging from 0.5% to 40% by weight, relative to the total weight of the composition.

35. The composition according to Claim 34, wherein the at least one additional film-forming polymer is present in a solids content amount ranging from 1% to 30% by weight, relative to the total weight of the composition.

36. The composition according to Claim 1, further comprising at least one dyestuff.

37. The composition according to Claim 36, wherein the at least one dyestuff is present in an amount ranging from 0.1% to 20% by weight, relative to the total weight of the composition.

38. The composition according to Claim 37, wherein the at least one dyestuff is present in an amount ranging from 1% to 15% by weight, relative to the total weight of the composition.

39. The composition according to Claim 1, wherein the composition is in a form for coating keratin fibers.

40. A cosmetic composition comprising, in a physiologically acceptable medium, at least one semi-crystalline polymer which gives the composition a thermal profile wherein the melting peak has a mid-height width  $L_f$  less than or equal to 20°C, and at least one amorphous film-forming polymer capable of forming a water-soluble film.

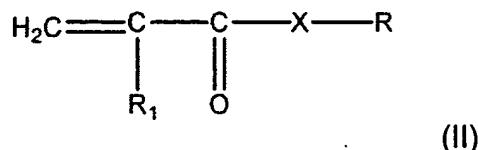
41. The composition according to Claim 40, wherein the at least one semi-crystalline polymer is present in an amount ranging from 1% to 60% by weight, relative to the total weight of the composition.

42. The composition according to Claim 41, wherein the at least one semi-crystalline polymer is present in an amount ranging from 3% to 55%, by weight, relative to the total weight of the composition.

43. The composition according to Claim 42, wherein the at least one semi-crystalline polymer is present in an amount ranging from 5% to 50% by weight, relative to the total weight of the composition.

44. The composition according to Claim 43, wherein the at least one semi-crystalline polymer is present in an amount ranging from 10% to 40% by weight, relative to the total weight of the composition.

45. The composition according to Claim 40, wherein the at least one semicrystalline polymer is chosen from copolymers resulting from the polymerization of at least one monomer comprising a crystallizable chain chosen from saturated C<sub>14</sub> to C<sub>24</sub> alkyl (meth)acrylates, C<sub>11</sub> to C<sub>15</sub> perfluoroalkyl (meth)acrylates, C<sub>14</sub> to C<sub>24</sub> N-alkyl(meth)-acrylamides optionally with fluorine, vinyl esters comprising C<sub>14</sub> to C<sub>24</sub> alkyl or perfluoroalkyl chains, vinyl ethers comprising C<sub>14</sub> to C<sub>24</sub> alkyl or perfluoroalkyl chains, C<sub>14</sub> to C<sub>24</sub> alpha-olefins, para-alkylstyrenes with an alkyl group comprising from 12 to 24 carbon atoms, with at least one optionally fluorinated C<sub>1</sub> to C<sub>10</sub> monocarboxylic acid ester or amide of formula (II):



wherein R<sub>1</sub> is chosen from hydrogen atoms and CH<sub>3</sub> groups, R is chosen from optionally fluorinated C<sub>1</sub>-C<sub>10</sub> alkyl groups and X is chosen from oxygen atoms, and NH and NR<sub>2</sub> groups wherein R<sub>2</sub> is chosen from optionally fluorinated C<sub>1</sub>-C<sub>10</sub> alkyl groups.

46. The composition according to Claim 40, wherein the at least one amorphous film-forming polymer is chosen from polyesters obtained by polycondensation of at least one dicarboxylic acid with at least one polyol.

47. The composition according to Claim 46, wherein the at least one dicarboxylic acid is chosen from aromatic dicarboxylic acids comprising a  $-\text{SO}_3\text{M}$  group wherein M is a metal ion.

48. The composition according to Claim 47, wherein M is chosen from  $\text{Na}^+$ ,  $\text{Li}^+$  and  $\text{K}^+$  ions.

49. The composition according to Claim 46, wherein the at least one aromatic dicarboxylic acid is chosen from sulphoisophthalic acid, sulphoterephthalic acid, sulphophthalic acid and 4-sulphonaphthalene-2,7-dicarboxylic acid.

50. The composition according to Claim 46, wherein that the at least one polyol is a diol.

51. The composition according to Claim 50, wherein that the at least one diol is chosen from ethylene glycol, diethylene glycol, triethylene glycol, 1,3-propanediol, cyclohexanedimethanol and 1,4-butanediol.

52. The composition according to Claim 40, wherein the at least one amorphous film-forming polymer has a glass transition temperature (Tg) ranging from 25°C to 120°C.

53. The composition according to Claim 52, the at least one amorphous film-forming polymer has a glass transition temperature (Tg) greater than or equal to 38°C.

54. The composition according to Claim 40, wherein the at least one amorphous film-forming polymer is present in an amount ranging from 0.1% to 40% by weight, relative to the total weight of the composition.

55. The composition according to Claim 54, wherein the at least one amorphous film-forming polymer is present in an amount ranging from 5% to 30% by weight, relative to the total weight of the composition.

56. The composition according to Claim 55, wherein the at least one amorphous film-forming polymer is present in an amount ranging from 10% to 20% by weight, relative to the total weight of the composition.

57. The composition according to Claim 40, wherein the at least one semi-crystalline polymer and the at least one amorphous film-forming polymer are present in a weight ratio of amorphous film-forming polymer to semi-crystalline polymer ranging from

0.3 to 3.

58. The composition according to Claim 57, wherein the weight ratio of amorphous film-forming polymer to semi-crystalline polymer ranges from 0.6 to 2.

59. The composition according to Claim 58, wherein the weight ratio of amorphous film-forming polymer to semi-crystalline polymer ranges from 0.9 to 1.5.

60. The composition according to Claim 40, further comprising an aqueous phase.

61. The composition according to Claim 60, wherein the aqueous phase is present in an amount ranging from 5% to 95% by weight, relative to the total weight of the composition.

62. The composition according to Claim 60, wherein the aqueous phase is thickened with at least one thickener.

63. The composition according to Claim 40, further comprising at least one additional film-forming polymer.

64. The composition according to Claim 63, wherein the at least one additional film-forming polymer is present in a solids content amount ranging from 0.1% to 60% by weight, relative to the total weight of the composition.

65. The composition according to Claim 64, wherein the at least one additional film-forming polymer is present in a solids content amount ranging from 0.5% to 40% by weight, relative to the total weight of the composition.

66. The composition according to Claim 65, wherein the at least one additional film-forming polymer is present in a solids content amount ranging from 1% to 30% by weight, relative to the total weight of the composition.

67. The composition according to Claim 40, further comprising at least one

dyestuff.

68. The composition according to Claim 67, wherein the at least one dyestuff is present in an amount ranging from 0.1% to 20% by weight, relative to the total weight of the composition.

69. The composition according to Claim 68, wherein the at least one dyestuff is present in an amount ranging from 1% to 15% by weight, relative to the total weight of the composition.

70. The composition according to Claim 40, wherein the composition is in a form for coating keratin fibers.

71. A non-therapeutic cosmetic process for making up or caring for keratin materials, comprising the application to the keratin materials of a cosmetic composition comprising, in a physiologically acceptable medium, at least one first compound which gives the cosmetic composition a thermal profile wherein the melting peak has a mid-height width  $L_f$  less than or equal to  $10^{\circ}\text{C}$ , and at least one amorphous film-forming polymer capable of forming a water-soluble film, wherein the at least one amorphous film-forming polymer is present in an amount greater than or equal to the amount of the first compound, and further wherein the cosmetic composition is brought to a temperature above or equal to its melting point, prior to, simultaneously with or subsequent to its application.

72. The process according to Claim 71, wherein the cosmetic composition is brought to a temperature above or equal to its end melting temperature prior to, simultaneously with or subsequent to its application to the keratin materials.

73. A non-therapeutic cosmetic process for making up or caring for keratin materials, comprising the application to the keratin materials of a cosmetic composition comprising at least one amorphous film-forming polymer, wherein the cosmetic

composition is brought to a temperature above or equal to its melting point, simultaneously with or subsequent to its application, to the keratin materials.

74. The process according to Claim 73, wherein the cosmetic composition is brought to a temperature above or equal to its end melting temperature, simultaneously with or subsequent to its application to the keratin materials.

75. The process according to Claim 71, wherein the cosmetic composition is brought to a temperature above or equal to its melting point, simultaneously with or subsequent to its application to the keratin materials, by an application device comprising heating means.

76. The process according to Claim 73, wherein the cosmetic composition is brought to a temperature above or equal to its melting point, simultaneously with or subsequent to its application to the keratin materials, by an application device comprising heating means.

77. A non-therapeutic cosmetic process for making up or caring for keratin materials, comprising the application to the keratin materials of a cosmetic composition comprising, in a physiologically acceptable medium, at least one first compound which gives the cosmetic composition a thermal profile wherein the melting peak has a mid-height width  $L_f$  less than or equal to  $20^{\circ}\text{C}$ , and at least one amorphous film-forming polymer capable of forming a water-soluble film, wherein the said composition is brought to a temperature above or equal to its melting point  $m.p.$ , simultaneously with or subsequent to its application to the keratin materials .

78. The process according to Claim 77, wherein the cosmetic composition is brought to a temperature above or equal to its end melting temperature  $T_f$ , simultaneously with or subsequent to its application to the keratin materials.

79. A packaging and application assembly for a makeup and/or care composition for keratin materials, comprising:

- i) a container;
- ii) a makeup and/or care composition comprised inside the container, wherein the composition inside the container comprises at least one amorphous film-forming polymer capable of forming a water-soluble film,
- iii) a device for applying the makeup and/or care composition; and
- iv) heating means to raise the temperature of the composition to a temperature above its melting point, simultaneously with or subsequent to its application.

80. The packaging and application assembly of Claim 79, wherein the keratin materials are chosen from eyelashes and eyebrows.

81. The packaging and application assembly of Claim 79, wherein the heating means raises the temperature of the composition above or equal to its end melting temperature, simultaneously with or subsequent to its application.

82. A process for coating keratin fibers in order to deposit a film on the keratin fibers, wherein the film is uniform and/or has improved curling properties, said process comprising applying to fibers a cosmetic composition comprising, in a physiologically acceptable medium, at least one first compound which gives the cosmetic composition a thermal profile wherein the melting peak has a mid-height width  $L_f$  less than or equal to  $10^{\circ}\text{C}$ , and at least one amorphous film-forming polymer capable of forming a water-soluble film, wherein the amorphous film-forming polymer is present in an amount greater than or equal to the amount of the first compound.

83. A process for coating keratin fibers in order to deposit a film on the keratin

fibers, wherein the film is uniform and/or has improved curling properties, said process comprising applying to fibers a cosmetic composition comprising, in a physiologically acceptable medium, at least one semi-crystalline polymer which gives the cosmetic composition a thermal profile wherein the melting peak has a mid-height width  $L_f$  less than or equal to 20°C, and at least one amorphous film-forming polymer capable of forming a water-soluble film.